Addendum to Thesis

Title: Relationship Between the Age Related Performance of a Typical Bituminous Binder in South Africa and the Fatigue Performance of the Asphalt Mixture.

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All beam testing data in this thesis has been processed with the incorrect four-point bending machine setup dimensions for the loading and support span lengths. The specified tests were carried out for a loading span of 140 mm and support span of 420 mm. Subsequent to publication of this thesis, the data was revised. This includes an adjustment to the correct jig dimensions in the software for a loading span of 119 mm and support span of 357 mm as specified in the *AASHTO T 321: Standard Method of Test for Determining the Fatigue Life of Compacted Asphalt Mixtures Subjected to Repeated Flexural Bending* standard.

Furthermore, the adjustments to the support and loading span lengths resulted in an average increase of 38% for the tested strain levels and a 38% reduction in the flexural stiffness values.

Publications after March 2018, that emanate from this research, all include the corrected jig dimensions and adjusted values determined for this method of testing.